

**What is claimed is:**

1. A structure for cooling a motor of a washing machine, the washing machine provided with a motor assembly including a cylindrical rotor in an inner circumferential surface of a rotor housing, and a cylindrical rotor in an inner circumferential surface of the rotor, comprising:
  - a plurality of holes on a lower surface of the rotor housing forming the stator; and
  - a plurality of blades, each provided in one side of the hole.
2. The structure as claimed in claim 1, wherein the blade is provided downward to the lower surface of the rotor housing.
3. The structure as claimed in claim 1, wherein the blade is provided by downwardly bending the lower surface of the rotor housing.
4. The structure as claimed in claim 1, wherein the blade is provided downward to the lower surface of the rotor housing in perpendicular.
5. The structure as claimed in claim 1, wherein a plurality of grooves are provided in the surface of the blade.
6. The structure as claimed in claim 5, wherein the blade is provided downward to the lower surface of the rotor housing.

7. The structure as claimed in claim 5, wherein the blade is provided by downwardly bending the lower surface of the rotor housing.
8. The structure as claimed in claim 1, wherein the blade is provided downward to the lower surface of the rotor housing in perpendicular.
9. The structure as claimed in claim 1, wherein the blade is provided in one side of the hole for being opposite to a dehydration direction to a central point of the rotor housing.
10. The structure as claimed in claim 9, wherein the blade is provided upward to the lower surface of the rotor housing.
11. The structure as claimed in claim 9, wherein the blade is provided by upwardly bending the lower surface of the rotor housing.
12. The structure as claimed in claim 9, wherein the blade is provided upward to the lower surface of the rotor housing in perpendicular.